

Abstract of the Disclosure

There are provided a pixel array capable of detecting and removing a flicker noise, an image sensor employing the pixel array and an automatic flicker noise detecting method capable of effectively detecting and removing the flicker noise of the image sensor. For the purpose, a pixel array of an image sensor includes a pixel group, having $N \times M$ number of unit pixels, for detecting an image signal, N and M being integers, and a pixel column, allocated along a row direction of the pixel group, for detecting an average frequency of a corresponding pixel row to thereby detect the flicker noise.